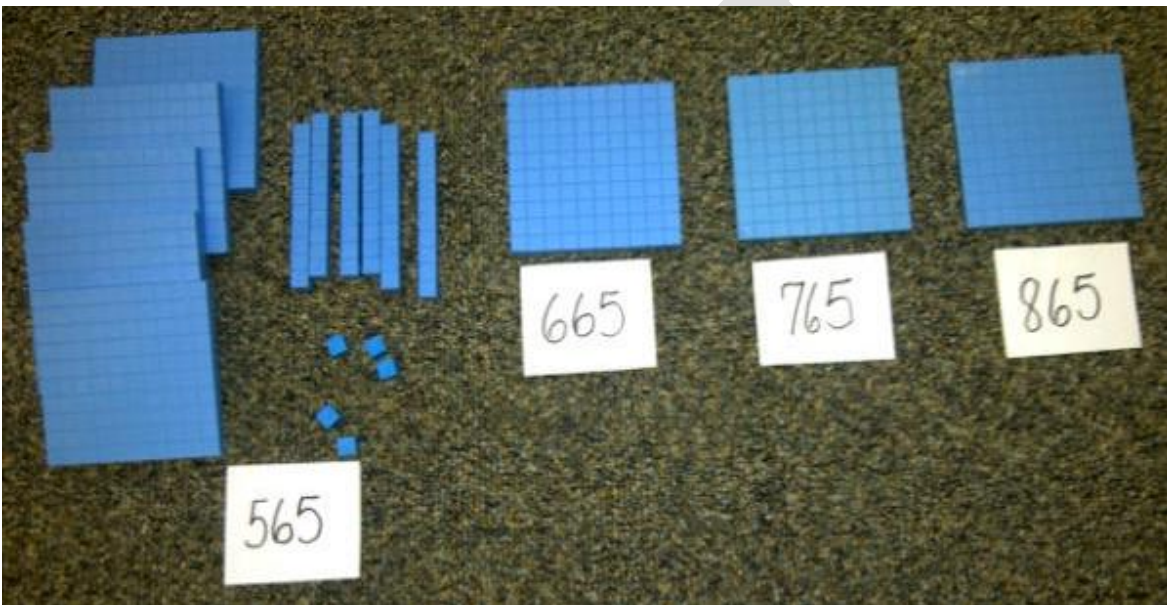


## Teacher Guide for Counting On (Up) Using Base-Ten Blocks and Number Lines

When counting on using base-ten blocks, have the students gather the blocks that will make the starting number such as 565 in the picture below. The students will add hundreds, tens, or ones until they get to the needed number.

In the picture below, the student started with 565 and then skip-counted by hundreds using flats. Each time a flat was added, the amount represented increased by 100 up to the number 865. By counting the amount added after the original amount, students will be able to determine how many or much more was needed.



When using a number line to count on, students will start with a given amount such as in the number line below. The students would then start at 655 and skip-count in increments of 100, then increase by 5s or 2s to get to the nearest ten. The students would continue skip-counting to the desired number by 10s. Letting students make “jump marks” in different colors may help. Students would count the amount “colored in” to determine how many or how much more was needed.

